



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/789,934

Filing Date: February 27, 2004

Applicant: Yoichi Miyasaka

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

Title: METHOD OF RECOGNIZING IMAGE OF NOZZLE
HOLE AND METHOD OF CORRECTING POSITION OF
LIQUID DROPLET EJECTION HEAD USING THE SAME;
METHOD OF INSPECTING NOZZLE HOLE; APPARATUS
FOR RECOGNIZING IMAGE OF NOZZLE HOLE AND
LIQUID DROPLET EJECTION APPARATUS EQUIPPED
WITH THE SAME; METHOD OF MANUFACTURING
ELECTRO-OPTICAL DEVICE; ELECTRO-OPTICAL
DEVICE; AND ELECTRONIC EQUIPMENT

Attorney Docket: 9319H-000697

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

VERIFICATION OF TRANSLATION

Sir;

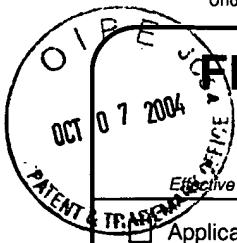
The undersigned hereby states that the attached English language patent application is an accurate translation of the Japanese language document filed on February 27, 2004, and assigned Serial No. 10/789,934

Dated: September 3, 2004

Signed: Kiyoshi Kawakubo

Printed Name: Kiyoshi Kawakubo

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1050)**Complete if Known**

Application Number	10/789,934
Filing Date	02/27/2004
First Named Inventor	MIYASAKA
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	9319H-000697 (F009784US00)

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
Order

 Deposit Account:

Deposit Account Number	50-3213
Deposit Account Name	Epson R & D

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
1001	790	2001	395
1002	350	2002	175
1003	550	2003	275
1004	790	2004	395
1005	160	2005	80
SUBTOTAL (1)			(\$ 790)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	13	-20 **	= 0	X 18	= 0
Independent Claims	3	-3 **	= 0	X 88	= 0
Multiple Dependent	0			X 300	= 0

Large Entity

Large Entity	Small Entity	Fee Description	
Fee Code	Fee Code	Fee (\$)	
1202	18	2202	9
1201	88	2201	44
1203	300	2203	150
1204	88	2204	44
1205	18	2205	9
SUBTOTAL (2)		(\$ 0)	

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	430	2252	215
1253	980	2253	490
1254	1,530	2254	765
1255	2,080	2255	1,040
1401	340	2401	170
1402	340	2402	170
1403	300	2403	150
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,370	2453	685
1501	1,370	2501	685
1502	490	2502	245
1503	660	2503	330
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	790	2809	395
1810	790	2810	395
1801	790	2801	395
1802	900	1802	900
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 260)**SUBMITTED BY**

Name (Print/Type)	G. Gregory Schivley/ Bryant E. Wade	Registration No. (Attorney/Agent)	37,382/ 40,344	Telephone	(248) 641-1600
Signature			Date	October 7, 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



OCT 07 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/789,934	02/27/2004	Yoichi Miyasaka	9319H-000697

27572

HARNESS, DICKEY & PIERCE, P.L.C.
 P.O. BOX 828
 BLOOMFIELD HILLS, MI 48303

CONFIRMATION NO. 6788
FORMALITIES LETTER



OC000000013493131

Date Mailed: 08/10/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/12/2004 CNGUYEN 00000092 503213 10789934

01 FC:1001	790.00 DA
02 FC:1051	130.00 DA
03 FC:1053	130.00 DA

FILED UNDER 37 CFR 1.53(b)*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- Because your specification was filed in a language other than English, the Office was unable to determine the number of claims submitted. Additional claim fees may be due once the number of claims can be determined.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:

- The drawing figures contain text that is not in English (including, for example, a flow chart that was originally not in English that has been marked up to include the English text) (see 37 CFR 1.84(p)(2) and 37 CFR 1.52(d)(1)). See Figure(s) 1A-1B, 3, 5A-5B, 6A, 7-8, 10A-10B.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1030** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- **\$130** for English translation surcharge required.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

[Signature]
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE